

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/544,154
Filing Date	August 1, 2005
First Named Inventor	Francis X. Smith
Art Unit	1615
Examiner Name	Carlos A. Azpuru
Attorney Docket Number	3009099 US01

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US- 3,429,576	02-25-1969	Yoshiaki Ikeda	
	2	US- 3,910,296	10-07-1975	Karageozian et al.	
	3	US- 3,943,251	03-09-1976	Medow et al.	
	4	US- 4,022,834	05-10-1977	Gundersen	
	5	US- 4,046,706	09-06-1977	Krezanoski	
	6	US- 4,136,173	01-23-1979	Pramoda et al.	
	7	US- 4,136,175	01-23-1979	Rideout et al.	
	8	US- 4,136,534	01-30-1979	Villa	
	9	US- 4,209,817	06-24-1980	McGinnis	
	10	US- 4,361,458	11-30-1982	Grajek et al.	
	11	US- 4,361,549	11-30-1982	Kung et al.	
	12	US- 4,394,361	07-19-1983	Sherrill	
	13	US- 4,439,417	03-27-1985	Matsunaga et al.	
	14	US- 4,525,346	06-25-1985	Stark	
	15	US- 4,599,360	07-08-1986	Fukami et al.	
	16	US- 4,748,189	05-31-1988	Su et al.	
	17	US- 4,783,488	11-08-1988	Ogunbiyi et al.	
	18	US- 4,820,352	04-11-1989	Reidhammer et al.	
	19	US- 4,826,879	05-02-1989	Yamamoto et al.	
	20	US- Re. 32,672	05-24-1988	Huth et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	21	GB 1,398,058	03-15-1973	Farmaceutisk		
	22	JP 56010517 A	01-21-1983	Santen Pharmaceutical		
	23	WO 91/01763	02-21-1991	Schering Corp.		
	24	WO 92/04905	04-02-1992	Abraham et al.		
	25	WO 92/11876	07-23-1992	Schering Corp.		
	26	WO 92/21049	11-26-1992	Allergan, Inc.		
	27	WO 94/00160	01-06-1994	Allergan, Inc.		
	28	WO 95/00176	01-05-1995	Allergan, Inc.		
	29	WO 96/06603	03-07-1996	Alcon Laboratories		

Examiner Signature	/Tristan J. Mahyera/	Date Considered	12/23/2008
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Sheet 2 of 5

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Application Number	10/544,154
Filing Date	August 1, 2005
First Named Inventor	Francis X. Smith
Art Unit	1615
Examiner Name	Carlos A. Azpuru
Attorney Docket Number	3009099 US01

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		Number - Kind Code ² (if known)			
	30	US- 4,836,986	06-06-1989	Ogunbiyi et al.	
	31	US- 4,891,423	01-02-1990	Stockel	
	32	US- 4,804,454	01-16-1990	Paradies	
	33	US- 4,988,710	01-29-1991	Olney	
	34	US- 4,997,626	03-05-1991	Dziabo et al.	
	35	US- 5,030,721	07-09-1991	Kasai et al.	
	36	US- 5,078,908	01-07-1992	Ripley et al.	
	37	US- 5,089,261	02-18-1992	Nitecki et al.	
	38	US- 5,122,354	06-16-1992	Tsuji et al.	
	39	US- 5,174,872	12-29-1992	Scott	
	40	US- 5,175,161	12-29-1992	Yokoyama et al.	
	41	US- 5,182,258	01-26-1993	Chiou	
	42	US- 5,192,535	03-09-1993	Davis et al.	
	43	US- 5,279,673	01-18-1994	Dziabo et al.	
	44	US- 5,300,296	04-05-1994	Holly et al.	
	45	US- 5,308,440	04-26-1994	Ripley et al.	
	46	US- 5,361,287	11-01-1994	Williamson	
	47	US- 5,380,303	01-10-1995	Holly et al.	
	48	US- 5,439,572	08-08-1995	Pankow	
	49	US- 5,449,658	09-12-1995	Unhoch et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	50	WO 97/34834	09-25-1997	Bio-Lab, Inc.		
	51	WO 97/41215	11-06-1997	Novo Nordisk A/S		
	52	EP 0 812 592 A1	12-17-1997	Kikkoman Corp.		
	53	JP 10-108899	04-28-1998	Tomey Technol Corp		T
	54	RU 2127100	03-10-1999	Borzenko et al.		T
	55	WO 99/23887	05-20-1999	Novo Nordisk A/S		
	56	WO 99/37295	07-29-1999	Devillez et al.		
	57	JP 2000016965 A	01-18-2000	Mitsubishi Gas		
	58	WO 00/07634	02-17-2000	NDT, Inc.		

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/Tristan J. Mahyera/

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First Named Inventor	Francis X. Smith
Art Unit	1615
Examiner Name	Carlos A. Azpuru
Attorney Docket Number	3009099 US01

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		Number - Kind Code ² (if known)			
	59	US- 5,494,937	02-27-1996	Asgharian et al.	
	60	US- 5,547,990	08-20-1996	Hall et al.	
	61	US- 5,591,773	01-07-1997	Grunberger et al.	
	62	US- 5,607,681	03-04-1997	Galley et al.	
	63	US- 5,624,958	04-29-1997	Isaacs et al.	
	64	US- 5,661,130	08-26-1997	Meezan et al.	
	65	US- 5,674,450	10-07-1997	Lin et al.	
	66	US- 5,691,379	11-25-1997	Ulrich et al.	
	67	US- 5,718,895	02-17-1998	Asgharian et al.	
	68	US- 5,719,110	02-17-1998	Cook	
	69	US- 5,770,582	06-23-1998	von Borstel et al.	
	70	US- 5,780,450	07-14-1998	Shade	
	71	US- 5,807,585	09-15-1998	Martin et al.	
	72	US- 5,869,468	02-09-1999	Freeman	
	73	US- 5,888,950	03-30-1999	Potini et al.	
	74	US- 5,891,733	04-06-1999	Inoue	
	75	US- 5,925,371	07-20-1999	Ishiwatari	
	76	US- 5,942,218	08-24-1999	Kirschner et al.	
	77	US- 5,945,446	08-31-1999	Laub	
	78	US- 5,925,320	09-14-1999	Davidson et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	79	WO 00/11514	03-02-2000	Senju Pharmaceutical		
	80	EP 0 923 950 A3	12-27-2000	Tomey Corporation		

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Sheet	4	of	5
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Application Number	10/544 154
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Filing Date	August 1, 2005
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First Named Inventor	Francis X. Smith
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Art Unit	1615
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Sheet 5 of 5

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Application Number	10/544,154
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First Named Inventor	Francis X. Smith
Art Unit	1615
Examiner Name	Carlos A. Azpuru
Attorney Docket Number	3009099 US01

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	99	BALLWEBER et al., "In Vitro Microbicidal Activities of Cecropin Peptides D2A21 and D4E1 and Gel Formulations Containing 0.1 to 2% D2A21 against <i>Chlamydia trachomatis</i> ", Antimicrobial Agents and Chemotherapy, Jan. 2002, pp 34-41, Vol. 46, No. 1	
	100	CREIGHTON, THOMAS E., "Proteins Structures and Molecular Properties", W.H. Freeman & Co., New York, 1984, pp 179-182	
	101	DE LUCCA et al., "Fungicidal Properties, sterol binding, and proteolytic resistance of the synthetic peptide D4E1", Canadian Journal of Microbiology, June 1998, pp 514-520, Vol. 44, No. 6	
	102	KEAY, L., MOSER, P.W. and WILDO, B.S., "Proteases of the Genus Bacillus. II. Alkaline Proteases", Biotechnology & Bioengineering, March 1970, pp 213-249, Vol. XII	
	103	KEAY, L. and MOSER, P.W., "Differentiation of Alkaline Proteases from Bacillus Species", Biochemical and Biophysical Research Comm, 1969, pp 600-604, Vol. 34, No. 5	

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